class Menu:

def \_\_init\_\_(self):

self.breakfast=input("enter the breakfastfood:")

def display\_info(self):

print("breakfast:",self.breakfast)

class Lunch\_menu(Menu):

def \_\_init\_\_(self):

super(). \_\_init\_\_()

self.lunch=input("enter the lunchfood:")

def display(self):

self.display\_info()

print("lunch:",self.lunch)

class Dinner\_menu(Lunch\_menu):

def \_\_init\_\_(self):

super(). \_\_init\_\_()

self.dinner=input("enter the dinnerfood:")

def dis(self):

self.display()

print("dinner:",self.dinner)

f=Dinner\_menu()

f.dis()

#hybrid inheritence

class Employee:

def \_\_init\_\_(self,name,age):

self.name=name

self.age=age

def get\_display\_info(self):

print("Name:",self.name,"\n","Age:",self.age)

class Manager(Employee):

def \_\_init\_\_(self,name,age,eid):

super().\_\_init\_\_(name,age)

self.eid=eid

def display\_info(self):

self.get\_display\_info()

print("employee\_id:",self.eid)

class Developer(Employee):

def \_\_init\_\_(self,name,age,dep):

super().\_\_init\_\_(name,age)

self.dep=dep

def display(self):

self.get\_display\_info()

print("department:",self.department)

class Teamleader(Manager,Developer):

def \_\_init\_\_(self,name,age,eid,dep,teamsize):

Employee.\_\_init\_\_(self,name,age)

self.eid=eid

self.dep=dep

self.teamsize=teamsize

def dis(self):

self.display\_info()

print("Department=",self.dep)

print("Teamsize:",self.teamsize)

name=input("enter the name:")

age=input("enter the age:")

eid=input("enter the employee id:")

dep=input("enter the dep:")

teamsize=input("enter the teamsize:")

e=Teamleader(name,age,eid,dep,teamsize)

e.dis()